

## **BANKNOTE ACCEPTOR**

### **ABSTRACT OF THE DISCLOSURE**

A banknote acceptor is disclosed to have a banknote  
5 verification assembly adapted to verify the authenticity of the  
inserted banknote by means of an optical transmitter module, which  
uses an UV LED to emit UV light through the inserted banknote,  
and an optical receiver module, which uses a phototransistor to  
receive light passing from the UV LED through the banknote and to  
10 produce a corresponding output signal, for enabling a control unit  
to determine the authenticity of the banknote subject to the nature  
of the output signal received from the photo transistor.